

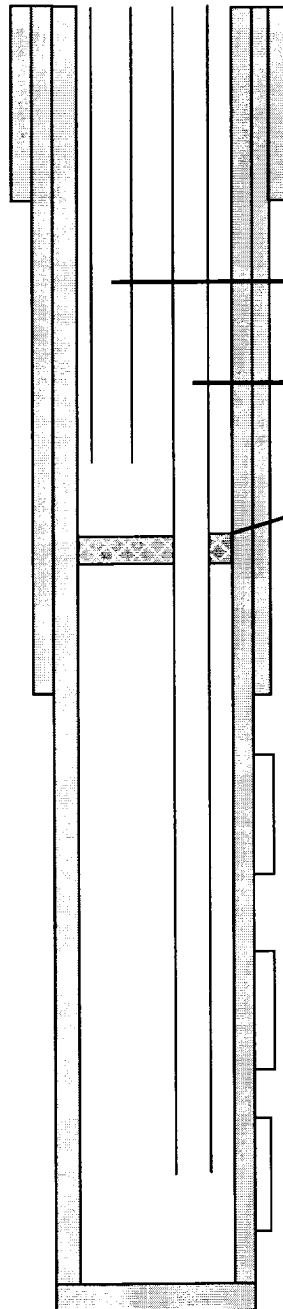
ROSA UNIT #17B **BLANCO MV/BASIN DK**

Location: 1480' FSL, 2360' FEL
 NW/4 SE/4 Section 20(J), T31N, R5W
 Rio Arriba Co., NM

Elevation: 6414' GR
API #: 30-039-26971

Spud Date 05-13-02
 Completed 07-08-02

<i>Tops</i>	<i>Depth</i>
Kirtland	2691'
Pictured Cliffs	3321'
Cliff House	5471'
Point Lookout	5764'
Mancos	6066'
Dakota	7952'



6 jts of 10 3/4", 40.5#, K-55, ST&C csg.
 Set @ 293'

Mesaverde Tubing: 6' perf sub, 1 jt 2-1/16" tbg, 1.5" SN,
 & 185 jts 2-1/16". Landed @ 5977' (186 jts total)

Dakota Tubing: 1/2" mule shoe, 1 jt 2-1/16" tbg, 1.5" SN,
 57 jts 2-1/16" tbg, seal bore asseby w/ 5 seals, 191 jts 2-
 1/16" tbg, 6' pup jt & 1 jt 2-1/16" tbg. Landed @ 8038'.
 (250 jts total)

Arrow model "D" packer @ 6100'

86 jts of 7-5/8", 26.4#, J-55 csg. Set @ 3791'. Float @ 3745'

CliffHouse/Menefee 4952' - 5704' (32, 0.33" holes)
 78,000# of 20/40 sand in 1842 BBI's slick water.

Point Lookout 5749' - 5970' (24, 0.33" holes)
 82,000# of 20/40 sand in 1989 BBI's slick water.

Dakota 7954' - 8039' (17, 0.46" holes)
 92,600# of 20/40 Ottawa sand & 5100# 14/30 Flex sand
 carried in 20Q Vistar foam

183 jts of 5-1/2", 17#, N-80, LT&C csg.
 Set @ 8116'. Float collar @ 8101'.
 Marker jts @ 7626' & 5067'

TD @ 8116'
 PBTD @ 8101'

<i>HOLE SIZE</i>	<i>CASING</i>	<i>CEMENT</i>	<i>CU. FT.</i>	<i>CMT TOP</i>
14 3/4"	10 3/4"	235 s x	333 cu.ft.	surface
9 7/8"	7 5/8"	850 s x	1604 cu.ft.	surface
6 3/4"	5 1/2"	275 s x	574 cu.ft.	3100'